005-20-000076

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Construction of RCC Drain & RCC Culverts at 1st and 2nd Cross and surrounding area, Muneshwara Nagara in Ward No.05

BYATARAYANAPURA DIVISION

EMB

1st & Final Bill

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BRUHATH BANGALORE MAHANAGARAPALIKE

YELAHANKA ZONE

1ST AND FINAL BILL

Name of Work :- Construction of RCC Drain & RCC Culverts at 1st and 2nd Cross and surrounding area, Muneshwara Nagara in Ward No.05

Work Order No: BBMP / EE/ BTP/ W.O /239/2019-20 dt: 21-03-2020

JOB NUMBER: 005-20-000076

Estimate Cost: 77.00 lakhs.

As No: AS/EE(BTP)/114/2019-20 dt:16-03-20

Ts No : TS/ SE(YNK) /52/2019-20 dt :16-03-20

Name of Contractor : M/S KRIDL

Item No	Description of Item	No	L	B	D1	D2	D(avg)	Unit	Qty	Rate in Rs	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification										
	Qty Taken from Pre measurement page Item No. 1 page No. 1 & 2							Cum	966.26	220.40	212963.70
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.										
	Qty Taken from Pre measurement page Item No. 2 Page No. 2 & 3							Cum	145.09	5509.33	799342.70
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm										
	For RCC drain										
	For Bottom raft										
	Muneshwara Nagara										
	1st cross from 1st main										
	RHS	1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	10.90	0.95	0.15	0.15	0.15		1.55		
	LHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	19.00	0.95	0.15	0.15	0.15		2.71		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	19.60	1.00	0.15	0.15	0.15		2.94		
	2nd cross from 1st										
	RHS	1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	14.60	1.00	0.15	0.15	0.15		2.19		
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	23.80	1.00	0.15	0.15	0.15		3.57		
	LHS										
		1	30.00	0.95	0.15	0.15	0.15		4.28		
		1	30.00	1.00	0.15	0.15	0.15		4.50		
		1	30.00	0.95	0.15	0.15	0.15		4.28		

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	1	30.00	1.00	0.15	0.15	0.15		4.50		
	1	14.70	0.95	0.15	0.15	0.15		2.09		
	1	30.00	1.00	0.15	0.15	0.15		4.50		
	1	30.00	0.95	0.15	0.15	0.15		4.28		
	1	10.00	1.00	0.15	0.15	0.15		1.50		
	1	9.40	0.95	0.15	0.15	0.15		1.34		
3rd cross from Dead										
RHS	1	10.00	0.95	0.15	0.15	0.15		1.43		
For Wall										
Muneshwara Nagara								19.64	19.64	
1st cross from 1st main										
RHS	2	30.00	0.15	0.65	0.68	0.67		5.99		
	2	30.00	0.15	0.68	0.69	0.69		6.17		
	2	30.00	0.15	0.69	0.69	0.69		6.21		
	2	30.00	0.15	0.69	0.70	0.70		6.26		
	2	30.00	0.15	0.70	0.67	0.69		6.17		
	2	30.00	0.15	0.67	0.69	0.68		6.12		
	2	30.00	0.15	0.69	0.70	0.70		6.26		
	2	10.90	0.15	0.70	0.70	0.70		2.29		
								45.47	45.47	
LHS										
	2	30.00	0.15	0.66	0.67	0.67		5.99		
	2	30.00	0.15	0.67	0.68	0.68		6.08		
	2	30.00	0.15	0.68	0.65	0.67		5.99		
	2	30.00	0.15	0.65	0.67	0.66		5.94		
	2	19.00	0.15	0.67	0.69	0.68		3.88		
	2	30.00	0.15	0.69	0.70	0.70		6.26		
	2	30.00	0.15	0.70	0.69	0.70		6.26		
	2	19.60	0.15	0.69	0.70	0.70		4.09		
								45.49	4.4.49	
2nd cross from 1st										
RHS	2	30.00	0.15	0.65	0.65	0.65		5.85		
	2	30.00	0.15	0.65	0.67	0.66		5.94		
	2	30.00	0.15	0.67	0.69	0.68		6.12		
	2	30.00	0.15	0.69	0.70	0.70		6.26		
	2	14.60	0.15	0.70	0.68	0.69		3.02		
	2	30.00	0.16	0.68	0.70	0.69		6.62		
	2	30.00	0.15	0.70	0.70	0.70		6.30		
	2	23.80	0.15	0.70	0.68	0.69		4.93		
								45.04	45.04	
LHS										
	2	30.00	0.15	0.65	0.65	0.65		5.85		
	2	30.00	0.15	0.65	0.65	0.65		5.85		
	2	30.00	0.15	0.65	0.66	0.66		5.90		
	2	30.00	0.15	0.66	0.68	0.67		6.03		
	2	14.70	0.15	0.68	0.69	0.69		3.02		
	2	30.00	0.15	0.69	0.70	0.70		6.26		
	2	30.00	0.15	0.70	0.70	0.70		6.30		
	2	10.00	0.15	0.70	0.69	0.70		2.09		
	2	9.40	0.15	0.69	0.70	0.70		1.96		
3rd cross from Dead										
RHS	2	10.00	0.15	0.67	0.68	0.68		2.03		
								45.29	45.29	
Ramp										
	1	6.00	1.00	0.15	0.15	0.15		0.90		
	1	13.20	1.20	0.15	0.15	0.15		2.38		
	1	16.00	1.20	0.15	0.15	0.15		2.88		
	1	8.00	1.10	0.15	0.15	0.15		1.32		
							Present Qty	316.13	7189.42	2272799.04
								7.48	7.48	
4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications								207.41	
									207.41	
	Qty Taken from Pre measurement page Item No. 3 Page No. 3 to 5						Tonne	20.66	72326.98	1494253.08

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Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concertee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)

For RCC drain											
Muneshwara Nagara											
1st cross from 1st main											
RHS	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	27.50	0.90					24.75			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	10.90	0.90					9.81			
LHS								196.56			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	19.00	0.90					17.10			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	19.60	0.90					17.64			
2nd cross from 1st								196.74			
RHS	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	14.60	0.90					13.14			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	23.80	0.90					21.42			
LHS								196.56			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	14.70	0.90					13.23			
	1	30.00	0.90					27.00			
	1	30.00	0.90					27.00			
	1	10.00	0.90					9.00			
	1	9.40	0.90					8.46			
3rd cross from Dead											
RHS	1	10.00	0.90					9.00	201.69		
						Present Qty=	Sqm	791.55	2337.00		1849852.35
										Total	6629210.88
										GST Charges 12%	795505.31
										KRIDL Charges 4%	265168.44
										Grand Total	7689884.62

Assistant Engineer
Ward No.05
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಿಭಾಗ ಮಟ್ಟ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Bytarayanapura Sub-Division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

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Name of Work :- Construction of RCC Drain & RCC Culverts at 1st and 2nd Cross and surrounding area, Muneshwara Nagara in Ward No.05

Pre-Measurements

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification						
	For RCC drain						
	Muneshwara Nagara						
	1st cross from 1st main road						
	RHS	1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	10.90	1.10	1.00	11.99	
	LHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	19.00	1.10	1.00	20.90	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	19.60	1.10	1.00	21.56	
	2nd cross from 1st main road						
	RHS	1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	14.60	1.10	1.00	16.06	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	23.80	1.10	1.00	26.18	
	LHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	14.70	1.10	1.00	16.17	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	10.00	1.00	1.00	10.00	
		1	9.40	1.00	1.00	9.40	

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